BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN SHARADAMBHA NAGAR AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No:	1	
Item Name:	KSRB 2-1.2 : Earthwork in surface excavation in Hard soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1. (P.No. 5/I.No. 2.2 of CSR 2015-16)	

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	9th Main to 3rd Cross LHS									
	0.00	30.00	1	30.00	0.85	0.85	0.85	0.650	16.58	
	30.00	60.00	1	30.00	0.85	0.85	0.85	0.650	16.58	
	60.00	90.00	1	30.00	0.85	0.85	0.85	0.650	16.58	
	90.00	120.00	1	30.00	0.85	0.85	0.85	0.650	16.58	
	120.00	150.00	1	30.00	0.85	0.85	0.85	0.650	16.58	
	150.00	180.00	1	30.00	0.85	0.85	0.85	0.650	16.58	
	180.00	210.00	1	30.00	0.85	0.85	0.85	0.650	16.58	
	210.00	240.00	1	30.00	0.85	0.85	0.85	0.650	16.58	
	240.00	245.00	1	5.00	0.85	0.85	0.85	0.650	2.76	
	9th Main to 3rd Cross RHS									
	50.00	80.00	1	30.00	0.85	0.85	0.85	0.650	16.58	
	80.00	110.00	1	30.00	0.85	0.85	0.85	0.650	16.58	
	110.00	138.00	1	28.00	0.85	0.85	0.85	0.650	15.47	
	3rd Cross sri Matha layout LHS									
	0.00	30.00	1	30.00	0.85	0.85	0.85	0.650	16.58	
	30.00	60.00	1	30.00	0.85	0.85	0.85	0.650	16.58	
	60.00	90.00	1	30.00	0.85	0.85	0.85	0.650	16.58	
	3rd Cross sri Matha layout RHS									
	0.00	25.00	1	25.00	0.85	0.85	0.85	0.650	13.81	
	Sri Matha Layout Road									
	0.00	30.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	30.00	60.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	60.00	90.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	90.00	120.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	120.00	150.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	samyashrree layout apaertment road LHS									

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SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	60.00	90.00	1	30.00	0.85	0.85	0.85	0.650	16.58	
	90.00	120.00	1	30.00	0.85	0.85	0.85	0.650	16.58	
	120.00	150.00	1	30.00	0.85	0.85	0.85	0.650	16.58	
	150.00	175.30	1	25.30	0.85	0.85	0.85	0.650	13.98	
	4th main									
	0.00	30.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	30.00	60.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	60.00	67.00	2	7.00	0.85	0.85	0.85	0.650	7.74	
	1st main									
	0.00	30.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	30.00	62.00	2	32.00	0.85	0.85	0.85	0.650	35.36	
								Total Qty Work Done	2219.06	Cum
								Qty Payable in this bill	1970.50	Cum

Contractor Representative

Consultant Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS

26/2/18

Asst Engineer
Ward no.16,BBMP

1/5/18

Asst.Executive Engineer
Yashwanthapura Sub Division,BBMP

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN SHARADAMBHA NAGAR AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No:	1
Item Name:	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5. (P.No. 5/I.No. 2.4 of CSR 2015-16)

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	9th Main to 3rd Cross LHS									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.600	5.40	
	30.00	60.00	1	30.00	0.30	0.30	0.30	0.600	5.40	
	60.00	90.00	1	30.00	0.30	0.30	0.30	0.600	5.40	
	90.00	120.00	1	30.00	0.30	0.30	0.30	0.600	5.40	
	120.00	150.00	1	30.00	0.30	0.30	0.30	0.600	5.40	
	150.00	180.00	1	30.00	0.30	0.30	0.30	0.600	5.40	
	180.00	210.00	1	30.00	0.30	0.30	0.30	0.600	5.40	
	210.00	240.00	1	30.00	0.30	0.30	0.30	0.600	5.40	
	240.00	245.00	1	5.00	0.30	0.30	0.30	0.600	0.90	
	9th Main to 3rd Cross RHS									
	50.00	80.00	1	30.00	0.30	0.30	0.30	0.600	5.40	
	80.00	110.00	1	30.00	0.30	0.30	0.30	0.600	5.40	
	110.00	138.00	1	28.00	0.30	0.30	0.30	0.600	5.04	
	3rd Cross sri Matha layout LHS									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.600	5.40	
	30.00	60.00	1	30.00	0.30	0.30	0.30	0.600	5.40	
	60.00	90.00	1	30.00	0.30	0.30	0.30	0.600	5.40	
	3rd Cross sri Matha layout RHS									
	0.00	25.00	1	25.00	0.30	0.30	0.30	0.600	4.50	
	Sri Matha Layout Road									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	90.00	120.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	120.00	150.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	samyashrree layout apaertment road LHS									

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SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	3rd Main road oppt									
			24	1.50	0.30	0.30	0.30	0.600	6.48	
	9th Main Sub Road									
			26	1.50	0.30	0.30	0.30	0.600	7.02	
	7th main Road LHS									
			22	1.50	0.30	0.30	0.30	0.600	5.94	
	6th main Road									
			20	1.50	0.30	0.30	0.30	0.600	5.40	
	8th cross starting Storm Water to jalahalli Village									
			31	1.50	0.30	0.30	0.30	0.600	8.37	
	5th Main Road Upto Storm Water LHS									
			25	1.50	0.30	0.30	0.30	0.600	6.75	
	5th Main Road Upto Storm Water RHS									
			20	1.50	0.30	0.30	0.30	0.600	5.40	
	4th main									
			18	1.50	0.30	0.30	0.30	0.600	4.86	
	1st main									
			20	1.50	0.30	0.30	0.30	0.600	5.40	
								Total Qty Work Done	862.00	Cum
								Qty Payable in this bill	842.39	Cum

Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

1/31/18

Asst Engineer
Ward no.16,BBMP

1/5/18

Asst.Executive Engineer
Yashwanthapura Sub Division,BBMP
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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN SHARADAMBHA NAGAR AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No: 3

Item Name: Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc., in the Cement concrete road.

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	9th Main to 3rd Cross RHS									
	50.00	80.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	80.00	110.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	110.00	138.00	1	28.00	0.30	0.30	0.30	0.150	1.26	
	3rd Cross sri Matha layout LHS									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	30.00	60.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	60.00	90.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	3rd Cross sri Matha layout RHS									
	0.00	25.00	1	25.00	0.30	0.30	0.30	0.150	1.13	
	samyashrree layout apaertment road LHS									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	30.00	60.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	60.00	90.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	90.00	120.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	120.00	145.50	1	25.50	0.30	0.30	0.30	0.150	1.15	
	6th cross road									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	90.00	117.50	2	27.50	0.30	0.30	0.30	0.150	2.48	
	6th cross road									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	90.00	109.70	2	19.70	0.30	0.30	0.30	0.150	1.77	
	4th Main RHS to 9th Main									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	90.00	95.30	2	5.30	0.30	0.30	0.30	0.150	0.48	

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LNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	5th Cross in 9th Main									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	90.00	107.80	2	17.80	0.30	0.30	0.30	0.150	1.60	
								Total Qty Work Done	54.41	Cum
								Qty Payable in this bill	53.20	Cum

Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Asst Engineer 3/8/18
Ward no.16,BBMP

Asst.Executive Engineer 1/8/18
Yashwanthapura Sub Division,BBMP

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN SHARADAMBHA NAGAR AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No: 4

Item Name: Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc., in the Asphalt surface road. (P.No.257/I.No. 37.38 of CSR 2015-16)

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	9th Main to 3rd Cross LHS									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	30.00	60.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	60.00	90.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	90.00	120.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	120.00	150.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	150.00	180.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	180.00	210.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	210.00	240.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	240.00	245.00	1	5.00	0.30	0.30	0.30	0.150	0.23	
	Sri Matha Layout Road									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	90.00	120.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	120.00	150.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	5th cross road									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	90.00	116.50	2	26.50	0.30	0.30	0.30	0.150	2.39	
	8th Main road Sharadambha temple RHS									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	30.00	60.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	60.00	90.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	8th Main road Sharadambha temple LHS									
	65.00	90.00	1	25.00	0.30	0.30	0.30	0.150	1.13	
	3rd Main road oppt									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.150	2.70	

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SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	90.00	120.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	120.00	150.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	150.00	175.30	1	25.30	0.30	0.30	0.30	0.150	1.14	
	4th main									
	0.00	30.00	2	30.00	0.35	0.35	0.35	0.150	3.15	
	30.00	60.00	2	30.00	0.35	0.35	0.35	0.150	3.15	
	60.00	67.00	2	7.00	0.35	0.35	0.35	0.150	0.74	
	1st main									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	62.00	2	32.00	0.30	0.30	0.30	0.150	2.88	
								Total Qty Work Done	127.33	Cum
								Qty Payable in this bill	124.14	Cum

Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS

Consultant Representative

Asst Engineer
Ward no.16,BBMP
3/8/18

Asst.Executive Engineer
Yashwanthapura Sub Division,BBMP
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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN SHARADAMBHA NAGAR AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No: 5

Item Name: Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work). - 50mm nominal OD pipes

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	9th Main to 3rd Cross LHS									
	0.00	30.00	1	30.00					30.00	
	30.00	60.00	1	30.00					30.00	
	60.00	90.00	1	30.00					30.00	
	90.00	120.00	1	30.00					30.00	
	120.00	150.00	1	30.00					30.00	
	150.00	180.00	1	30.00					30.00	
	180.00	210.00	1	30.00					30.00	
	210.00	240.00	1	30.00					30.00	
	240.00	245.00	1	5.00					5.00	
	9th Main to 3rd Cross RHS									
	50.00	80.00	1	30.00					30.00	
	80.00	110.00	1	30.00					30.00	
	110.00	138.00	1	28.00					28.00	
	3rd Cross sri Matha layout LHS									
	0.00	30.00	1	30.00					30.00	
	30.00	60.00	1	30.00					30.00	
	60.00	90.00	1	30.00					30.00	
	3rd Cross sri Matha layout RHS									
	0.00	25.00	1	25.00					25.00	
	Sri Matha Layout Road									
	0.00	30.00	2	30.00					60.00	
	30.00	60.00	2	30.00					60.00	
	60.00	90.00	2	30.00					60.00	
	90.00	120.00	2	30.00					60.00	
	120.00	150.00	2	30.00					60.00	
	samyashrree layout apaertment road LHS									

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	60.00	90.00	1	30.00					30.00	
	90.00	120.00	1	30.00					30.00	
	120.00	150.00	1	30.00					30.00	
	150.00	175.30	1	25.30					25.30	
	4th main									
	0.00	30.00	2	30.00					60.00	
	30.00	60.00	2	30.00					60.00	
	60.00	67.00	2	7.00					14.00	
	1st main									
	0.00	30.00	2	30.00					60.00	
	30.00	62.00	2	32.00					64.00	
								Total Qty Work Done	**4016.40**	**Mtr**
								Qty Payable in this bill	**3941.00**	**Mtr**

Contractor Representative

Consultant Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Asst Engineer
Ward no.16,BBMP
16/5/18

Asst.Executive Engineer
Yashwanthapura Sub Division,BBMP
16/5/18

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